



TEL (915) 590-8500
FAX (915) 590-8510

6.125"

.125" rcr
X4

SIEMENS

Cat. No. DTNF364R Non-Fusible Heavy Duty Double Throw Safety Switch Type VB II
200 Amps Maximum 600 Volts AC (V~) Maximum 600 Volts DC (V-) Maximum
Type 3R Rainproof

Horsepower Ratings	240 VAC ¹ 1Ø	240 VAC 3Ø	480 VAC ¹ 1Ø	480 VAC 3Ø	600 VAC ¹ 1Ø	600 VAC 3Ø	250 VDC ¹	600 VDC ¹
Max. HP	15	60	50	125 ⁷	50	150 ⁷	40	50

Suitable for use as Service Equipment when used with ground bar kit **HG61234** on 3 phase, 3 wire systems or when used with **HNC264** neutral kit on 1 phase, 3 wire or 3 phase, 4 wire systems.

Manually-operated switch suitable for use in accordance with Article 702 of the National Electrical Code, ANSI/NFPA 70.

Fuse and Short Circuit Information

This switch is suitable for use on a circuit capable of delivering not more than 200,000 amperes, RMS symmetrical, 600 volts maximum when protected by class J, R or T fuses rated 200 amperes maximum.

Danger - Unless Type FD6 or JD6 circuit breakers or Class J, R or T fuses are used to protect this switch, it may present a risk of fire and injury to persons if installed on circuits capable of delivering more than 10,000 amperes, RMS symmetrical.

This switch is suitable for use on a circuit capable of delivering not more than 10,000 amperes, RMS symmetrical, 600 volts maximum, when protected by Class K fuses, Class H fuses or a UL Listed Circuit Breaker rated for 10,000 amperes, RMS symmetrical, 600 volts maximum.

This switch is suitable for use on a circuit capable of delivering not more than 18,000 amperes, rms symmetrical, when protected by Type FD6 or JD6 circuit breakers rated 200 amperes maximum.

This switch is suitable for use on a circuit capable of delivering not more than 10,000 amperes, 600 volts DC maximum, when protected by fuses marked with an interrupting rating of 10,000 amperes, 600 volts DC.

Danger - Unless fuses marked for an interrupting rating of 10,000 amperes at 600 volts DC are used to protect this switch, this switch may present a risk of fire and injury to persons if installed on circuits capable of delivering more than 10,000 amperes.



⚠ DANGER

**Hazardous voltage.
Will cause death or serious injury.**

- Disconnect and lock out power supplying this switch before working on this switch.
- Turn off switch before removing or installing fuses if so equipped.
- Always use a properly rated voltage sensing device on all fuse clips (Fusible) or all load side terminals (Non-Fusible) to confirm switch is off.
- Close or replace cover before turning power on.

11.375"

Terminal & Wire Information USE 75°C COPPER OR ALUMINUM WIRE

Description	Wire Range	Wire Tightening Torque ⁵	Lug Mounting Torque ⁵
Line, Load & Main Neutral	6 AWG-250 kcmil	275 lb-ins.	135 lb-ins.
Service Ground	14-1/0 AWG	35 lb-ins. 14-10 AWG / 40 lb-ins. 8 AWG 45 lb-ins. 6-4 AWG / 50 lb-ins. 3-1/0 AWG	80 lb-ins.

UL Listed Compression Lugs (Refer to manufacturers instruction for proper installation)

Wire Size (AWG OR kcmil)	Burndy		Thomas & Betts		IlSCO	
	Cu Only	Cu/Al	Cu Only	Cu/Al	Cu Only	Cu/Al
2	YA2C-L	YA2CA1	54142-TB	60117	CRB-2	IACL-2
	YA2C				ACN-2	
1	YA1C-L	YA1CA1	54147 54947BE	60123	CRA-1-38	ACN-1
	YA1C					
1/0	YA25-L	YA25A1	54153-TB 54949BE	60129 60130	CRA-0	IACL-1/0
	YA25				ACN-1/0	
2/0	YA26-L3	YA26A6	54158 54910BE 256-30695-1229	60135 61136	CRA-2/0	ACL-2/0
	YA26				IACL-2/0	
3/0	YA27-L3	YA27A1	54163-TB	60141 61142	CRC-3/0	IACL-3/0
	YA27				ACL-3/0	
4/0	YA28-L3	YA28A1	54168 256-30695-1253	61148 60147	CRC-4/0	IACL-4/0
	YA28-TC38				ACL-4/0	
250	YA29-L7		54173 54913BE	61156	CRA-250	IACL-250
					CRA-250L	

Inspection record number:

Accessories

Aux. Switch (1NO - 1NC)	HA161234	Neutral	HNC264	Wire Grip Kit (CU)	HLC64
Aux. Switch (2NO - 2NC)	HA261234	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234	Hub Kits	HS150 (1 1/2") HS200 (2") HS250 (2 1/2")
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Isolated Ground Lug Kit	HG261234		

Replacement Parts

Line Base	HNB64	Wire Grip Kit (Al)	HL64	Handle / Handle Guard	HHD61234
		Mechanism		Door	DTNF364RDOOR

Protected by one or more of the following US Patents: 6,134,979, 5,945,650, 5,990,439.

¹ Use outer two poles.

⁵ When tightening or replacing connectors, refer to lug mounting torque in Terminal & Wire Information Table.

⁷ Not for use as a motor controller over 74.6 kW (100 hp).

For questions on this device please call 1-800-241-4453

Siemens Industry, Inc.
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Assembled in Mexico

Pc. No. 506170P06
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COMPANY NAME

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MATERIAL

Synthetic Paper

Lamination: **No**

INK COLORS

Black Red 185

SIZE

WIDTH

6.125"

LENGTH

11.375"

ROUND CORNER RADIUS

.125"

OK TO PRINT AS IS

MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF

OK TO PRINT WITH CORRECTIONS AS MARKED

PART NO.

506170P06

DESCRIPTION:

Label

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DATE

REVISION LEVEL 35P

DESIGNER **Joel Ortega**

CHECKED BY

DATE **11/09/10**